

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S1    | 171  | (driv\$4 with plural\$4 with data with (transmission adj2 line))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/05 09:32 |
| S2    | 432  | (driv\$4 with plural\$4 with (data or signal or symbol) with (transmission adj2 line))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/05 09:32 |
| S3    | 4    | (driv\$4 with plural\$4 with (data or signal or symbol) with (transmission adj2 line) with ((another or differe\$4 or second) adj2 node))          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/05 09:38 |
| S4    | 4    | (driv\$4 with plural\$4 with (data or signal or symbol) with (transmission) with ((another or differe\$4 or second) adj2 node))                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/05 09:39 |
| S5    | 2    | (driv\$4 with plural\$4 with (data or signal or symbol) with (transmi\$4) with ((another or differe\$4 or second) adj2 node))                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/05/04 11:20 |
| S9    | 1    | (first adj2 driver) and ((second adj2 driver) with replic\$4) and (subtract\$4 with transmission adj2 line with second) and comparator and control | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/05 09:46 |
| S10   | 4    | (first adj2 driver) and ((second adj2 driver) with replic\$4) and comparator and control   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/05 09:49 |
| S11   | 10   | (first adj2 driver) and ((second adj2 driver) with replic\$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/05 09:50 |
| S12   | 7743 | (first adj2 driver) and (second adj2 driver)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/04/05 10:17 |

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| S13 | 8     | determin\$4 with (transmission adj2 signal) with replica | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:03 |
| S14 | 841   | (first adj2 driver with transmi\$5)                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:04 |
| S16 | 4     | (second adj driver with (replica and first adj driver))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:06 |
| S17 | 5     | (second adj driver with (replica and driver))            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:06 |
| S18 | 5     | (second adj driver with (replica))                       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:06 |
| S19 | 5823  | (second adj driver)                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:07 |
| S20 | 4     | (subtract\$4 same comara\$5)                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:08 |
| S21 | 21    | (subtract\$4 and comara\$5)                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:08 |
| S22 | 22684 | (subtract\$4 same compara\$5)                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/05 11:08 |

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| S23 | 7      | (subtract\$4 same (compara\$5 with variable adj offset))                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/05 11:09 |
| S24 | 9      | S14 and S22 and S19   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/05 12:30 |
| S25 | 12     | (("6614296") or ("6420932") or ("6617918") or ("6653893") or ("4,128,743")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/05 14:01 |
| S26 | 2945   | (differential adj transmission)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/05 14:05 |
| S27 | 4126   | (first adj driver) and (second adj driver)                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/05 14:02 |
| S28 | 816557 | (determin\$4 or calculat\$4 or compar\$4) with differen\$4                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/05 16:04 |
| S29 | 91     | (variable adj offset same comparator)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/05 14:05 |
| S30 | 345    | (complement\$4 adj transmission)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/05 14:05 |
| S31 | 10     | (S26 or S30) and S27 and S28  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/04/05 14:52 |

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| S32 | 16     | (S26 or S30) and S27  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 14:52 |
| S33 | 19     | (determin\$4 or calculat\$4 or compar\$4) with differen\$4 with ((first and second) adj transmission adj line)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 14:58 |
| S34 | 23182  | (determin\$4 or calculat\$4 or compar\$4 or subtract\$4 or add) with (comparator and transmission )   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 16:06 |
| S35 | 23     | (determin\$4 or calculat\$4 or compar\$4 or subtract\$4 or add) with (comparator and transmission ) with (variable adj (offset or reference)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/05 16:10 |
| S36 | 353    | (driver with replica)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 11:20 |
| S37 | 298809 | (bidirectional TDD (time division duplex)) with transmission  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 11:25 |
| S38 | 27133  | S37 and subtract\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 11:25 |
| S39 | 4000   | S37 same subtract\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 11:25 |
| S40 | 217    | S37 same (subtract\$4 and comparator)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 11:26 |

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| S41 | 1     | S37 same (subtract\$4 and comparator) and (variable adj2 offset)       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/05/04 11:23 |
| S42 | 11804 | (bidirectional TDD (time adj2 division adj2 duplex)) with transmission | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/05/04 11:25 |
| S43 | 1148  | S42 and subtract\$4  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/05/04 11:25 |
| S44 | 77    | S42 same subtract\$4   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/05/04 11:25 |
| S45 | 3     | S42 same (subtract\$4 and comparator)                                  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/05/04 11:43 |
| S46 | 338   | S42 and (subtract\$4 and comparator)                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/05/04 11:44 |
| S47 | 14    | S42 and (subtract\$4 and comparator) and (variable adj2 offset)        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/05/04 12:27 |
| S48 | 2     | "5793223".pn.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/05/04 12:28 |
| S49 | 6     | ("5793223") or ("6127849") or ("6496058").PN.                          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 16:36 |

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| S50 | 39902 | controller with (mismatch\$4 difference\$4)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 16:38 |
| S51 | 1134  | (S50 and ("375"/\$*))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 16:39 |
| S52 | 21    | (S50 same binary and ("375"/\$*))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 16:42 |
| S53 | 18    | (S50 same (binary digital) same offset and ("375"/\$*))                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 12:51 |
| S54 | 4     | (S50 same (binary digital) same offset same comparator and ("375"/\$*)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 16:47 |
| S55 | 16    | (variable with offset with comparator) same (controller)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 17:11 |
| S56 | 2     | (variable with offset with comparator) same (controller and binary)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/04 17:11 |
| S57 | 13    | binary with comparator with offset with variable                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 12:52 |
| S58 | 28    | binary with comparator same offset same variable                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 13:58 |

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| S59 | 2350307 | variable offset comparator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 13:59 |
| S62 | 46      | variable adj offset adj comparator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 14:00 |
| S63 | 46      | (variable multiple plural plural) adj offset adj comparator  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 14:00 |
| S64 | 13      | (printed adj2 board) with (parallel adj bus) with ((integrated adj circuit) ic) with ((logic adj (function circuit)) (memory adj controller) (microprocessor) (dsp) (digital adj signal adj procesor)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 14:31 |
| S65 | 13      | (printed adj2 board) with (parallel adj bus) with ((integrated adj circuit) ic) same ((logic adj (function circuit)) (memory adj controller) (microprocessor) (dsp) (digital adj signal adj procesor)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 14:32 |
| S66 | 20      | (printed adj2 board) with (parallel adj bus) same ((integrated adj circuit) ic) same ((logic adj (function circuit)) (memory adj controller) (microprocessor) (dsp) (digital adj signal adj procesor)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 14:32 |
| S67 | 24      | (printed adj2 board) same (parallel adj bus) same ((integrated adj circuit) ic) same ((logic adj (function circuit)) (memory adj controller) (microprocessor) (dsp) (digital adj signal adj procesor)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 14:41 |
| S68 | 10      | US-6388521-\$.DID. OR US-6348882-\$.DID. OR US-5563598-\$.DID. OR US-4987327-\$.DID. OR US-4754169-\$.DID.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/05 14:41 |